

Fig. 1

Fig. 2: Syndecan-1 (rat) extracellular domain: M81785

atgagac gtgcggcgct
ctggctttgg ctatgcgcgc tggcgctgct cctgcagcct gccctccgc aaattgtcac
cgcaaatgtg ctcctgaag accaagatgg ctctggggac gactcagaca acttctctgg
ctcaggcaca ggtgcttgc cagatatgac tttgtcacgg cagacacacctt ccacttgaa
ggatgtgtgg ctccgtacag ctacacccac agctccagaa cccaccagca gggataccga
ggccacccctc acctctatcc tgccggctgg agagaaggct gaggaggag agcccgtggc
ccacgtggaa gcagagcctg acttcactgc tcggacaag gagaaggagg ccaccaccag
gccttagggag accacacagc tcccagtac ccaacaggcc tcaacagcag ccagagccac
cacggcccaag gcatctgtca cgtctcatcc ccacggggat gtgcaacctg gcctccacga
gaccttggct cccacagcac ccggccaacc tgaccatcag cctccaagtg tggaggatgg
aggcacttct gtcataaag aggttgtgga ggatgaaaact accaatcagc ttccctgcagg
agagggctct ggagaacaag acttcacctt tgaaacatct gggagaaca cagctgtggc
tgcgctcgag cctgacccctc ggaatcagtc cccagtgat gaaggagcca caggtgcttc
tcagggcctt ttggacagga aggaa

ACCESSION M81785
LOCUS RATSYNDECA 2396 bp mRNA ROD 16-JUL-1992
DEFINITION Rattus norvegicus syndecan mRNA, complete cds.
ACCESSION M81785
NID g207140
KEYWORDS syndecan.
SOURCE Rattus norvegicus Epididymal fat pad cDNA to mRNA.
ORGANISM Rattus norvegicus
Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
Vertebrata; Eutheria; Rodentia; Sciurognathi; Myomorpha; Muridae;
Murinae; Rattus.
REFERENCE 1 (bases 1 to 2396)
AUTHORS Kojima,T., Shworak,N.W. and Rosenberg,R.D.
TITLE Molecular cloning and expression of two distinct cDNA-encoding
heparan sulfate proteoglycan core proteins from a rat endothelial
cell line
JOURNAL J. Biol. Chem. 267, 4870-4877 (1992)

Fig. 3: Syndecan-2 (human) extracellular domain (J 04621):

ggcaggaggg agggagccag agaaaaagaa gaggaggaga aggaggagga cccggggagg
gaggcgccgc gcgggaggag gagggcgca gcccggagc cagtggccc gcttggacgc
gctgctctcc agatacccc ggagctccag ccgcgcggat cgccgcgtcc cgccgcctcg
ccctaaact tctgccgtag ctcccttca agccagcgaa tttattcctt aaaaccagaa
actgaacctc ggcacggaa aggagtccgc ggaggagcaa aaccacagca gagcaagaag
agcttcagag agcaacccctc ccggagcacc aactccgtgt cgggagtgca gaaaccaaca
agttagaggg cgccgcgttc ccggggcgca gctgcggcg gcgaggcag ggcaggagg
aggaagcgag cgcccccggag ccccgagccc gagtcggcga gcctgagccg caatcgctgc
ggtaactctgc tccggattcg tgtgcgcggg ctcgcgcgc gctggcagg aggcttcgtt
ttgcccgtgt tgcaagcagc ggctgggagc agccgtccc tgggaaatat gcggcgccgc
tggatcctgc tcaccttggg cttggtgcc tgcgtgtcg cggagtcgag agcagagctg
acatctgata aagacatgta cttgacaac agctccattt aagaagcttc aggagtgtat
cctattgatg acgtgacta cgcttctgct tctggctcgag gagctgatga ggatgttag
agtccagagc tgacaacaac tcgaccactt ccaaagatac ttttgactag tgctgctcca
aaagtggaaa ccacgacgct gaatatacag aacaagatac ctgctcagac aaagtcacct
gaagaaaactg ataaagagaa agttcacctc tctgactcag aaaggaaaat ggacccagcc
gaagaggata caaatgtgta tactgagaaa cactcagaca gtctgtttaa acggacagaa

protein sequence:

GRREGARGKEEEKEEDPGREARRGRRRGAAEPVAPLGRAALQ
IPPELQPRGSRAPAALPLNFCRSSLSSQRISLKPETEPRHGKVRGGAKPQQSKKF
REQPSRSTNSVSGVKPTSERAPRSRGAAAGGGSRRRRKAPPSPESPSLSRNRC
GTLLRIRVRLAERWAGGFVLPWLQAAAGSSRSILGNMRRRAWILLTGLVACVSAESRA
ELTSKDKMYLDNSSIEEASGVYPIDDDYASASGSGADEDVESEPELTTRPLPKILLT
SAAPKVETTTLNINQNKIPPAQTKSPEETDKEKVHLSDSERKMDPAEEDTNVYTEKHSDS
LFKRTE

reference:

ACCESSION J04621
LOCUS HUMHSPGC 3414 bp mRNA PRI 08-NOV-1994
DEFINITION Human heparan sulfate proteoglycan (HSPG) core protein, 3' end.
ACCESSION J04621
NID g184428
KEYWORDS core protein; heparan sulfate proteoglycan.
SOURCE Human fetal lung fibroblast, cDNA to mRNA, clone 48K5.
ORGANISM Homo sapiens
Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
Vertebrata; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 3414)
AUTHORS Marynen,P., Zhang,J., Cassiman,J.J., Van den Berghe,H. and David,G.
TITLE Partial primary structure of the 48- and 90-kilodalton core
proteins of cell surface-associated heparan sulfate proteoglycans
of lung fibroblasts. Prediction of an integral membrane domain and
evidence for multiple distinct core proteins at the cell surface of
human lung fibroblasts
JOURNAL J. Biol. Chem. 264 (12), 7017-7024 (1989)

Fig. 4: Synd-3 (N-Syndecan) extracellular domain

gccccccgcgcgtctgagccgtcctgcggcacgssatgcccgcggagctgcggcgcc
tcgcgggtctgctgctgctcagcgccccgcgcagcgctggctcagccgtggcgcaatg
agaactacgagaggccggtgacacctggaggctctggggatgatgatcccttggggacg
atgaactggatgacatctactoggctccggctcaggctatttgagcaggagttagggt
tggagacagcggtcagcctcaccacggacacgtccgtccactgcccaccacggtgcccg
tgctgcctgtcaccttggtgacgcccattggcaacaccctttagctgttccccacagagg
acacgtccccctgagcaaacaaccagcgcttgtataatccccaaagataacagaagcacag
tgatccccagctggaaaacaaccaccgcagtagccactgactcccccagtagcca
cctccaccaccaccacggctgtaccaccacaaccaccaccatcagcacca
ctgtggccacactccaagccaccactaccagggttcctgcccccttgcaccaagg
cagccaccacccggccaccaccctggagacgcccaccacccatccatccctgaaaccagt
tcctgacagaggtgaccacatcacggcttgtccctccagcacagccaagccgaggtccc
tgccaaaaccaagcacattccaggactgcagaacccacggaaaaaaagcactgccttgcctt
ccagccccaccacgctgccaccacagaagccccccaggtggagccagggagttgacga
cagtcctcgacagtgaccttggaaagtcccaaccagttagtggccccagcggggacttcgaga
tccaggaggaggaggagacaactcgcttggagactggcaatgaggtggcagttggta
caccaccagcagcacccgggctggcaagaatgcagagccgggctcatcgacaacacaa
tagagtggcagctcgctgtcagctccccagaaaaacatcctggagaggaaggaa

Reference:

ACCESSION M84910
LOCUS CHKSNDPRO 1372 bp mRNA VRT 29-NOV-1995
DEFINITION Chicken syndecan-3 proteoglycan mRNA, complete cds.
ACCESSION M84910
NID g1017461
KEYWORDS syndecan-3 proteoglycan.
SOURCE Gallus gallus 4-6 day and 10 day forelimb and whole embryo cDNA to mRNA.
ORGANISM Gallus gallus
Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
Vertebrata; Archosauria; Aves; Neognathae; Galliformes;
Phasianidae; Phasianinae; Gallus.
REFERENCE 1 (bases 1 to 1372)
AUTHORS Gould,S.E., Upholt,W.B. and Kosher,R.A.
TITLE Syndecan 3: a member of the syndecan family of membrane-intercalated proteoglycans that is expressed in high amounts at the onset of chicken limb cartilage differentiation
JOURNAL Proc. Natl. Acad. Sci. U.S.A. 89 (8), 3271-3275 (1992)
MEDLINE 92228766
REFERENCE 2 (bases 1 to 1372)
AUTHORS Gould,S.E., Upholt,W.B. and Kosher,R.A.
TITLE Characterization of chicken syndecan-3 as a heparan sulfate proteoglycan and its expression during embryogenesis
JOURNAL Dev. Biol. 168 (2), 438-451 (1995)

Fig. 5: Syndecan extra-cellular domain from rat: M81786

atggc gcctgtctgc ctgtttgcgc cgctgctgct gttgctcctc
ggaggttcc ccgtcgcccc aggcgagtgc attcgagaga ctgagggtcat agaccccccag
gacccctgg aaggcagata cttctctgga gccctcccg acgatgaaga cgctggggc
ctttagcagg actctgactt tgagctgtcg gttccggag atctagatga cacggaggag
cccaggacct tccctgaggt gattcaccc ttggtgccac tagataacca catccccag
aatgccagc ctggcatccg tgtcccctca gagcccaagg aactggaaga gaatgaggtc
attccaaaaa gggtcccctc cgacgtgggg gatgacgatg tgtccaacaa agtgtccatg
tccagcactt cccagggcag caacatttt gaaagaactg ag

Reference:

ACCESSION M81786
LOCUS RATRYUDOCA 2452 bp mRNA ROD 16-JUL-1992
DEFINITION Rattus norvegicus ryudocan mRNA, complete cds.
ACCESSION M81786
NID g206822
KEYWORDS ryudocan.
SOURCE Rattus norvegicus Epididymal fat pad cDNA to mRNA.
ORGANISM Rattus norvegicus
Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
Vertebrata; Eutheria; Rodentia; Sciurognathi; Myomorpha; Muridae;
Murinae; Rattus.
REFERENCE 1 (bases 1 to 2452)
AUTHORS Kojima,T., Shworak,N.W. and Rosenberg,R.D.
TITLE Molecular cloning and expression of two distinct cDNA-encoding
heparan sulfate proteoglycan core proteins from a rat endothelial
cell line
JOURNAL J. Biol. Chem. 267, 4870-4877 (1992)

Fig. 6: Glypican-1 (rat) extracellular Domain:

atggag
ctccggggcc gaggctggtg gctgctgtgc gcggccgccc cgctagtcgc ctgcgccccgc
ggggaccccg ccagcaagag ccggagctgc agcgaagtcc gccagatcta cggggctaag
ggcttagcc tgagcgtacgt gcccaggca gagatctcgag gagacacactt gcggatctgc
ccccaggctt acacctgctg caccagttag atggaggaga acctggccaa ccacagccgg
atggagctgg agacccgact ccacgacagc agccgtgccc tgcaggctac actggccacc
cagctgcatg gcatcgatga ccacttccag cgccctgctga atgactcgga gctgtacactg
caggatgctt ttccggggc ctttggggac ctgtacacgc agaacactcg ggccttccgg
gacctgtatg ctgagctgcg tctctactac cgaggggcca acctacacactt tgaggagaca
ctggccgagt tctgggcacg gctgctggag cgtctttca agcagctgca cccccagctt
ctgctgcccc atgactatct ggactgcctg ggcaagcagg cagaggcaact gcccgcgttt
ggggatgccc ctcgagaact gcccctgagg gccacccgtg ctttgggc ggcacgatcc
tttgtgeagg gcctgggtgt ggccagtgac gtagtccgaa aggtggccca gtttccctcg
gccccagaat gttctgggc tgcatgaag ttggctact gtgccatttgc cccggagtc
cctgggtgccc gcccctgtcc cgactattgc cgaaatgtgc tcaaaggctg ctttgccaac
caggccgacc tggatgcccga gtggaggaac ctccctggact ccatggtgc catcaactgac
aagttctggg gcccgtcggg tgccgagaat gtcattggca gtgtgcataat gtggctggcg
gaggccatca acgcccctcca ggacaacaag gacacactca cagctaaggt catccaggc
tgccggaaacc ccaaggctcaa tccccatggc tctggcctg aggagaagcgc tcgccgtggc
aaactggcac tgcaggagaa gtcctccaca ggtactctgg aaaagctggt ctctgaggcc
aaggcccagc tccgagacat tcaggactac tggatcagcc tcccaggac actgtgttagt
gagaagatgg ccatgagtcc tgccagcgt gaccgctgt ggaatggat ttccaaggc
cggtacctac ctgaggtgat gggatggg ctggccaaacc agatcaacaa ccctgaagtg
gaggtggaca tcaccaagcc gatatgacc atccggcagc agatcatgca gctcaagatc
atgaccaacc gttacgtgg cgcctacggt ggcaatgatg tggacttcca ggatgccc
gatgacggca gtggctccgg cagcggtggc ggatgcccag atgacgcctg tggccggagg
gtcagcaaga agagctccag ctcccgacc cccttgaccc atgccttccc cggcttgc
gaacaggagg gacagaagac ctgc

Protein sequence:

MELRARGWWLLCAAAALVACARGDPASKRSRSCSEVRQIYGAKGF
SLSDVPQAEISGEHLRICPQGYTCCTSEMEENIANHSRMELETALHDSSRALQATLAT
QLHGIDDHFQRLNNDSERTLQDAFPGAFGDLYTQNTRAFRDLYAELRLYYRGANLHE
ETLAETWARLLERLFKQLHPLQDYLDDYLDCLGKQAEALRPFGDAPRELRLRATRAFV
AARSFVQGLGVASDVVRKVAQVPLAPECSRAVMKLVYCAHCRGVPGARPCPDYCRNVL
KGCLANQADLDAEWRNLDSMVLITDKFWGPAGENVIGSVHMWLAEEAINALQDNKDT
LTAKVIQGCGNPKVNPHGSGPEEKRRRGKLALQEKSSTGTLEKLVSEAKAQLRDIQDY
WISLPGTLCEKMAAMS P ASDRCWNGISKGRYLPEVMGDLANQINNPEVEVDITKPD
MTIRQQIMQLKIMTNRLRGAYGGNDVDFQDASDDGSGSGGGCPDDACGRRVSKKSS
SSRTPLTHALPGLSEQEQGQKTSA

Reference:

ACCESSION L34067
NID g506416
KEYWORDS glypican.
SOURCE Rattus norvegicus (strain New England Deconess Hospital) cDNA to mRNA.
ORGANISM Rattus norvegicus
Eukaryota; mitochondrial eukaryotes; Metazoa; Chordata;
Vertebrata; Eutheria; Rodentia; Sciurognathi; Myomorpha; Muridae;
Murinae; Rattus.
REFERENCE 1 (bases 1 to 1737)
AUTHORS Litwack, E.D., Stipp, C.S., Kumbasar, A. and Lander, A.D.
TITLE Neuronal expression of glypican, a cell-surface glycosylphosphatidylinositol-anchored heparan sulfate proteoglycan, in the adult rat nervous system
JOURNAL J. Neurosci. 14, 3713-3724 (1994)

Fig.7 : Syndecan-1 (rat) transmembrane domain: M81785

gtgct gggaggtgtc attgctggag gcctggtgaaa
cctcatcttt gctgtgtgcc tggtggcttt catgctataac

Reference:

ACCESSION M81785
LOCUS RATSYNDECA 2396 bp mRNA ROD 16-JUL-1992
DEFINITION Rattus norvegicus syndecan mRNA, complete cds.
ACCESSION M81785
NID g207140
KEYWORDS syndecan.
SOURCE Rattus norvegicus Epididymal fat pad cDNA to mRNA.
ORGANISM Rattus norvegicus
Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
Vertebrata; Eutheria; Rodentia; Sciurognathi; Myomorpha; Muridae;
Murinae; Rattus.
REFERENCE 1 (bases 1 to 2396)
AUTHORS Kojima,T., Shworak,N.W. and Rosenberg,R.D.
TITLE Molecular cloning and expression of two distinct cDNA-encoding
heparan sulfate proteoglycan core proteins from a rat endothelial
cell line
JOURNAL J. Biol. Chem. 267, 4870-4877 (1992)

Fig. 8 : Syndecan-2 (human) transmembrane domain (J 04621) :

gtcctagcag ctgtcattgc tggggagtt attggcttc tcggcaat ttttcttac
ctgctgttgg tg

protein sequence:

VLAAVIAGGVIGFLFAIFLILLLV

reference:

ACCESSION J04621
LOCUS HUMHSPGC 3414 bp mRNA PRI 08-NOV-1994
DEFINITION Human heparan sulfate proteoglycan (HSPG) core protein, 3' end.
ACCESSION J04621
NID g184428
KEYWORDS core protein; heparan sulfate proteoglycan.
SOURCE Human fetal lung fibroblast, cDNA to mRNA, clone 48K5.
ORGANISM Homo sapiens
Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
Vertebrata; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 3414)
AUTHORS Marynen,P., Zhang,J., Cassiman,J.J., Van den Berghe,H. and David,G.
TITLE Partial primary structure of the 48- and 90-kilodalton core
proteins of cell surface-associated heparan sulfate proteoglycans
of lung fibroblasts. Prediction of an integral membrane domain and
evidence for multiple distinct core proteins at the cell surface of
human lung fibroblasts
JOURNAL J. Biol. Chem. 264 (12), 7017-7024 (1989)

00000000000000000000000000000000

Fig. 9 : Synd-3 (N-Syndecan) chicken Transmembrane domain

gtgtttagatgtgtgattgtcgccggtgtggagccctttgtgccttcgtca
tgctgctcatctac

Reference:
ACCESSION M84910
LOCUS CHKSNDPRO 1372 bp mRNA VRT 29-NOV-1995
DEFINITION Chicken syndecan-3 proteoglycan mRNA, complete cds.
ACCESSION M84910
NID g1017461
KEYWORDS syndecan-3 proteoglycan.
SOURCE Gallus gallus 4-6 day and 10 day forelimb and whole embryo cDNA to mRNA.
ORGANISM Gallus gallus
Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
Vertebrata; Archosauria; Aves; Neognathae; Galliformes;
Phasianidae; Phasianinae; Gallus.
REFERENCE 1 (bases 1 to 1372)
AUTHORS Gould,S.E., Upholt,W.B. and Kosher,R.A.
TITLE Syndecan 3: a member of the syndecan family of membrane-intercalated proteoglycans that is expressed in high amounts at the onset of chicken limb cartilage differentiation
JOURNAL Proc. Natl. Acad. Sci. U.S.A. 89 (8), 3271-3275 (1992)
MEDLINE 92228766
REFERENCE 2 (bases 1 to 1372)
AUTHORS Gould,S.E., Upholt,W.B. and Kosher,R.A.
TITLE Characterization of chicken syndecan-3 as a heparan sulfate proteoglycan and its expression during embryogenesis
JOURNAL Dev. Biol. 168 (2), 438-451 (1995)

Figure 10 : Syndecan-4 transmembrane domain from rat: M81786

gtcttggc agctctgatt gtgggcggcg tagtgggcat cctcttcgcc gtttcctga
tcctgctgct ggtgtac

Reference:

ACCESSION M81786
LOCUS RATRYUDOCA 2452 bp mRNA ROD 16-JUL-1992
DEFINITION Rattus norvegicus ryudocan mRNA, complete cds.
ACCESSION M81786
NID g206822
KEYWORDS ryudocan.
SOURCE Rattus norvegicus Epididymal fat pad cDNA to mRNA.
ORGANISM Rattus norvegicus
Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
Vertebrata; Eutheria; Rodentia; Sciurognathi; Myomorpha; Muridae;
Murinae; Rattus.
REFERENCE 1 (bases 1 to 2452)
AUTHORS Kojima,T., Shworak,N.W. and Rosenberg,R.D.
TITLE Molecular cloning and expression of two distinct cDNA-encoding
heparan sulfate proteoglycan core proteins from a rat endothelial
cell line
JOURNAL J. Biol. Chem. 267, 4870-4877 (1992)

Fig. 11 : Glypican-1 (rat) GPI-Transmembrane Domain:

ggcgcc actcgcccag agcctcacta cttctttctg
ctcttcctgt tcacaccttgtt ctttgctgca gccaggccca ggtggcggta actgcccc

protein sequence:
ATRPEPHYFFLLFLFTLVLAAARPRWR

Reference:
ACCESSION L34067
NID g506416
KEYWORDS glypican.
SOURCE Rattus norvegicus (strain New England Deconess Hospital) cDNA to mRNA.
ORGANISM Rattus norvegicus
Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
Vertebrata; Eutheria; Rodentia; Sciurognathi; Myomorpha; Muridae;
Murinae; Rattus.
REFERENCE 1 (bases 1 to 1737)
AUTHORS Litwack,E.D., Stipp,C.S., Kumbasar,A. and Lander,A.D.
TITLE Neuronal expression of glypican, a cell-surface
glycosylphosphatidylinositol-anchored heparan sulfate proteoglycan,
in the adult rat nervous system
JOURNAL J. Neurosci. 14, 3713-3724 (1994)

Figure 12 : Perlecan (human) transmembrane domain #M85289

**tcgcgacactgctcatcccag
ccatcacgactgctgacgccggcttctaccctctgcgtggccaccagccctgcaggcactg
cc**

Reference:

LOCUS HUMHSPG2B 14327 bp mRNA PRI 08-NOV-1994
DEFINITION Human heparan sulfate proteoglycan (HSPG2) mRNA, complete cds.
ACCESSION M85289
NID g184426
KEYWORDS HSPG2 gene; heparan sulfate proteoglycan.
SOURCE Homo sapiens skin; colon cDNA to mRNA.
ORGANISM Homo sapiens
Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
Vertebrata; Eutheria; Primates; Catarrhini; Hominidae; Homo.
REFERENCE 1 (bases 1 to 14327)
AUTHORS Dodge,G.R., Kovacs,I., Chu,M.L., Hassell,J.R., McBride,O.W.,
Yi,H.F. and Iozzo,R.V.
TITLE Heparan sulfate proteoglycan of human colon: partial molecular
cloning, cellular expression, and mapping of the gene (HSPG2) to
the short arm of human chromosome 1
JOURNAL Genomics 10 (3), 673-680 (1991)
MEDLINE 91365376
REFERENCE 2 (bases 1 to 14327)
AUTHORS Murdoch,A.D., Dodge,G.R., Cohen,I., Tuan,R.S. and Iozzo,R.V.
TITLE Primary structure of the human heparan sulfate proteoglycan from
basement membrane (HSPG2/perlecan). A chimeric molecule with
multiple domains homologous to the low density lipoprotein
receptor, laminin, neural cell adhesion molecules, and epidermal
growth factor
JOURNAL J. Biol. Chem. 267 (12), 8544-8557 (1992)

Figure 13 : Syndrin-4 cytoplasmic domain from rat: M81786

Cgc atgaagaaga aggatgaagg cagttacgac ttgggcaaga aaccatcta caaaaaagcc
cccaccaacg agttctacgc atga

Reference:

ACCESSION M81786
 LOCUS RATRYUDOCA 2452 bp mRNA ROD 16-JUL-1992
 DEFINITION Rattus norvegicus ryudocan mRNA, complete cds.
 ACCESSION M81786
 NID g206822
 KEYWORDS ryudocan.
 SOURCE Rattus norvegicus Epididymal fat pad cDNA to mRNA.
 ORGANISM Rattus norvegicus
 Eukaryotae; mitochondrial eukaryotes; Metazoa; Chordata;
 Vertebrata; Eutheria; Rodentia; Sciurognathi; Myomorpha; Muridae;
 Murinae; Rattus.
 REFERENCE 1 (bases 1 to 2452)
 AUTHORS Kojima,T., Shworak,N.W. and Rosenberg,R.D.
 TITLE Molecular cloning and expression of two distinct cDNA-encoding
 heparan sulfate proteoglycan core proteins from a rat endothelial
 cell line
 JOURNAL J. Biol. Chem. 267, 4870-4877 (1992)

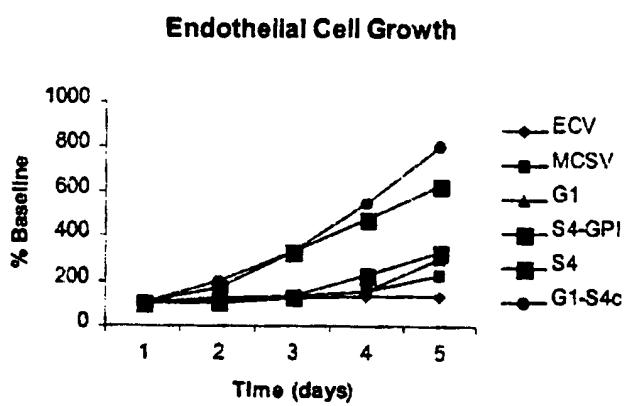


Fig. 14

Fig. 15 A

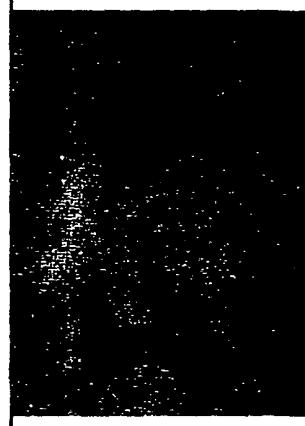


Fig. 15 B

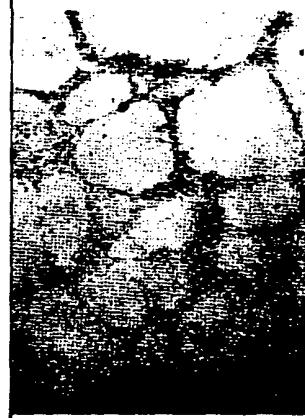


Fig. 15 C

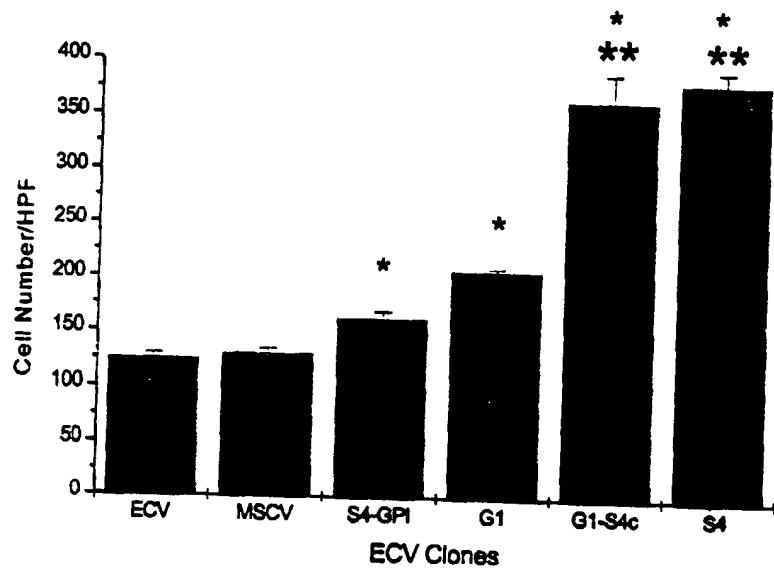


MSCV

S4

G₁-S4c

Fig. 16



Boyden chamber assays of migration towards
bFGF (25 ng/ml);
* p<0.05 vs. ECV
** p<0.05 vs. S4-GPI

Fig. 17A

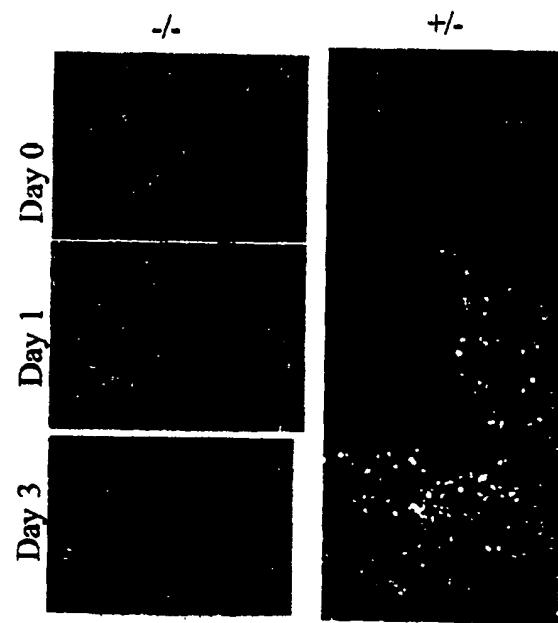


Fig. 17B

Fig. 17D

Fig. 17C

Fig. 17E

Fig. 17F

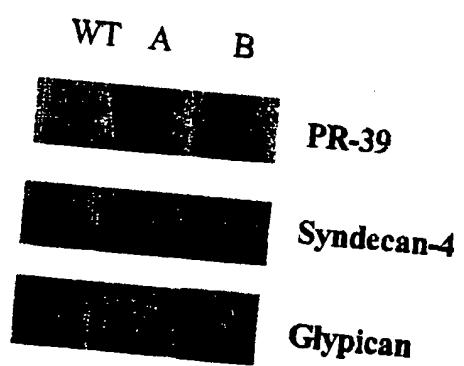


Fig. 18

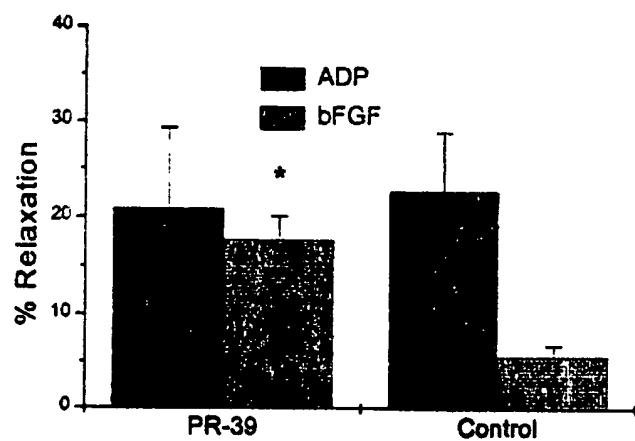


Fig. 19